

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1248865

Luminaire Tested: P3AS09R309027DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248865
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R309027DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

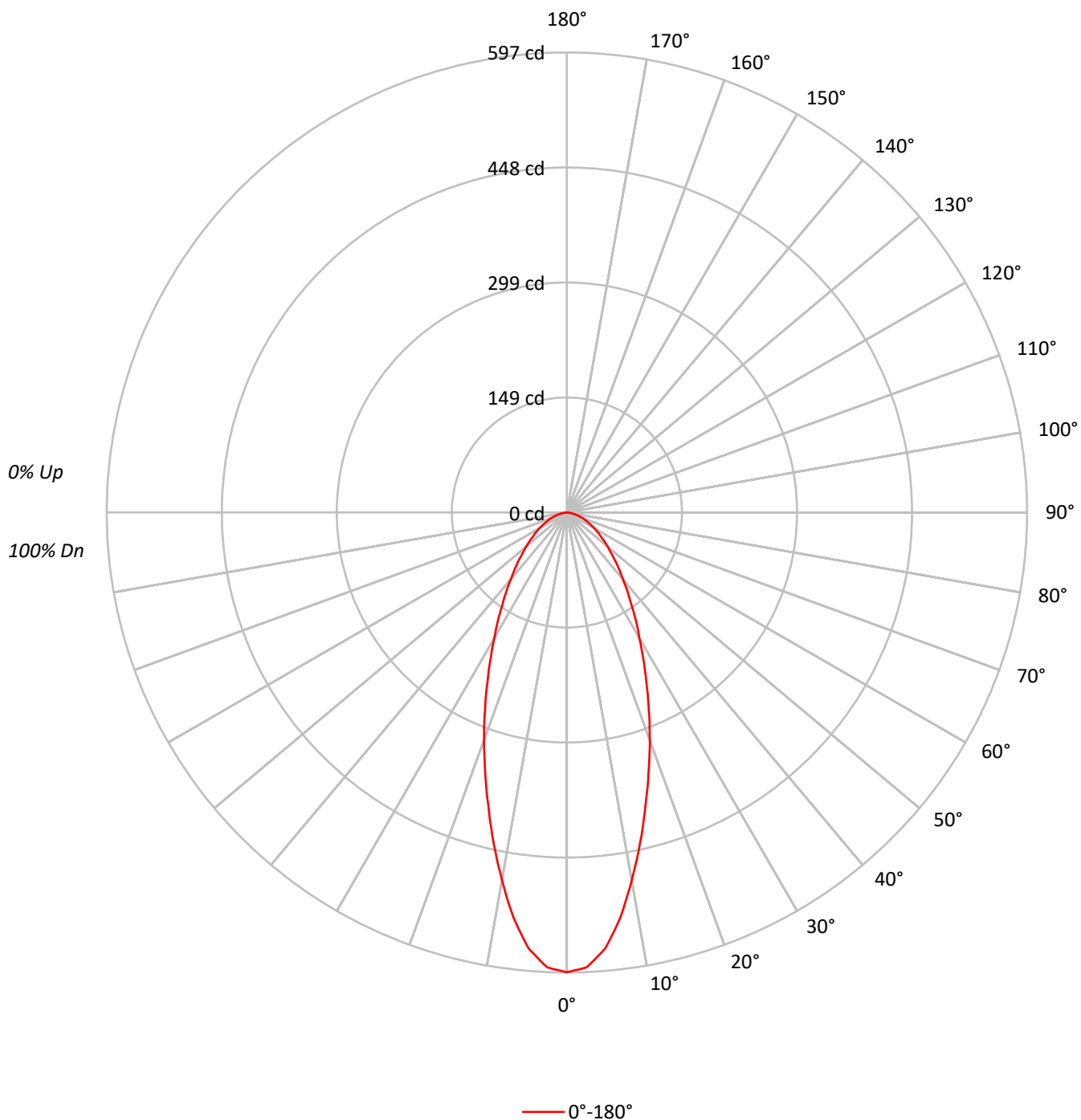
Lumens per Lamp: N/A
Luminaire Lumens: 531.0 lumens
Efficiency: N/A
Efficacy: 47.8 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	108	105	102	109	106	103	100	102	99	97		98	96	94		94
2	104	98	93	88	102	96	91	87	93	89	85		90	86	83		87
3	97	89	83	78	95	88	82	77	85	80	76		82	78	75		80
4	91	82	75	69	89	80	74	69	78	72	68		76	71	67		74
5	85	75	68	63	84	74	67	62	72	66	62		70	65	61		69
6	80	69	62	57	79	69	62	57	67	61	56		65	60	56		64
7	76	65	57	52	74	64	57	52	62	56	52		61	56	52		60
8	71	60	53	48	70	60	53	48	58	52	48		57	52	48		56
9	68	57	50	45	66	56	49	45	55	49	45		54	49	45		53
10	64	53	47	42	63	53	46	42	52	46	42		51	46	42		50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	130845
5°	125071
10°	107880
15°	89422
20°	73296
25°	59084
30°	47628
35°	39003
40°	32404
45°	27476
50°	23505
55°	20339
60°	18156
65°	15825
70°	13913
75°	11692
80°	8713
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 27476 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.5	9.7
10°-20°	109.8	20.7
20°-30°	112.6	21.2
30°-40°	92.0	17.3
40°-50°	68.8	13.0
50°-60°	48.4	9.1
60°-70°	30.4	5.7
70°-80°	14.6	2.8
80°-90°	2.8	0.5
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	273.9	51.6
0°-40°	365.9	68.9
0°-60°	483.1	91.0
0°-90°	531.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	531.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	597	
5°	568	52
15°	394	110
25°	244	113
35°	146	92
45°	89	69
55°	53	48
65°	30	30
75°	14	15
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	596.7
2.5°	590.8
5°	568.2
7.5°	530.7
10°	484.5
12.5°	439.2
15°	393.9
17.5°	352.5
20°	314.1
22.5°	277.7
25°	244.2
27.5°	214.7
30°	188.1
32.5°	166.4
35°	145.7
37.5°	129.0
40°	113.2
42.5°	100.4
45°	88.6
47.5°	77.8
50°	68.9
52.5°	61.0
55°	53.2
57.5°	47.3
60°	41.4
62.5°	35.4
65°	30.5
67.5°	25.6
70°	21.7
72.5°	17.7
75°	13.8
77.5°	9.8
80°	6.9
82.5°	3.9
85°	2.0
87.5°	1.0
90°	0.0

(END OF REPORT)